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(Filed after payment of issue fee)

PATENT APPLICATION DOCKET NO.: 0100.2061-003

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applic	ant:	Paul E. Amund	sen, Maureon Bu	onpane, Doug And	drews and Jord	an Jacobs
Applic	ation No.:	10/608,851	O' annu	Group Art U	nit: 3744	
Filed:		June 27, 2003	NOV 1 2 2004	Examiner:	William C. I	Doerrler
Confin	mation No.:	8740	FRATE TRADEN			
Title:		Integration of A	automated Cryop	ump Safety Purge		
		I hereby certify to Postal Service with to Commissioner being facsimile tra	nat this correspondence is a sufficient postage as Firs for Patents, P.O. Box 145	G OR TRANSMISSIO being deposited with the Un at Class Mail in an envelope 10, Alexandria, VA 22313- ates Patent and Trademark Signature  AREAU rson signing certificate	ited States addressed 1450, or is	
		SUPPLEMENTA	LINFORMATION	N DISCLOSURE ST	<u> TATEMENT</u>	
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Sir:	dria, VA 22	313-1430		01 FC:1806	•	180.00 OP
	under 37 C	Disclosure Statemer FR 1.129(a), or abmission after Final Rejection				
[ ]	(Within any one stage in an inter	CFR 1.97(b), or of the following time period mational application; or before est for Continued Examination	e the mailing date of a fi			
[X]	under 37 C	CFR 1.97(c) together	r with either:			
		tatement under 37 (	, , -			
		180.00 fee under 37 FR 1.97(b) time period, but b			occurs first)	
[]	under 37 C	CFR 1.97(d) togethe	r with:			
	[ ] a S	tatement under 37 (	CFR 1.97(e), as c	hecked below, and	i	
		180.00 fee under 37			of the issue fee)	
[]	under 37 ( Applicant	CFR 1.97(i): requests that the ID	OS and cited refer	rence(s) be placed	in the applicati	ion filewrapper.

Staten	ent Un	der 37 (	CFR 1.97(e)	
[]	Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or			
[ ]	No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.			
Statem	nent Un	der 37 (	CFR 1.704(d) (Patent Term Adjustment) Applies to original applications (other than design) filed on or after May 29, 2000	
[ ]	comm was no	unication ot receive	information contained in the Information Disclosure Statement was cited in a son from a foreign patent office in a counterpart application and this communication yed by any individual designated in § 1.56(c) more than thirty days prior to the aformation Disclosure Statement.	
[X]	Enclosed herewith is form PTO-1449:			
	[X]	Copie	s of the cited references are enclosed.	
		[ ]	Since this application was filed after June 30, 2003, copies of issued U.S. patents and published U.S. applications are not required and are not being provided.	
	[]	Applic	s of the cited references are enclosed except those entered in prior application, U.S. ration No. [ ], to which priority under 35 U.S.C. 120 is claimed. [The earlier ation contains copies of the cited references.]	
	[X]	The list	sted references were cited in the enclosed International Search Report in a erpart foreign application (AA2, AB2, AL, AT-AW).	
	[]	The "c	oncise explanation" requirement (non-English references) for reference(s) [ 37 CFR 1.98(a)(3) is satisfied by:	
		[]	the explanation provided on the attached sheet.	
		[ ]	the explanation provided in the Specification.	
		[ ]	submission of the enclosed International Search Report.	
		[ ]	submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.	
		[ ]	the enclosed English language abstract.	

[]	App	olicant requests that the following i	non-published pending applic	cations be considered:
Examiner' Initials	's			
	_	U.S. Patent Application No. [	], by [inventor(s)], filed [	], Docket No.: [ ]
	_	U.S. Patent Application No. [	], by [inventor(s)], filed [	], Docket No.: [ ]
	_	U.S. Patent Application No. [	], by [inventor(s)], filed [	], Docket No.: [ ]
		Examiner	Date	
	[ ]	A copy of each above-cited ap any application filed on or afte Image File Wrapper (IFW) sys	r June 30, 2003, which has b	een scanned into the PTO's
	[]	A copy of each above-cited ap those entered in prior application 35 U.S.C. 120 is claimed.	plication, including the curre ion, U.S. Application No. [	ent claims, is enclosed, except ], to which priority under
The F	Exami ences	ner is requested to return a copy of were considered with the next offi	f the above list of pending ap ce communication.	plications indicating which
It is r	eques	ted that the information disclosed	herein be made of record in t	his application.
Meth	od of	payment:		
[X]	A c	heck for the fee noted above is encompanying Reply. A copy of this	closed, or the fee has been in Statement is enclosed.	cluded in the check with the
[ ]		ase charge Deposit Account 08-03 losed.	80 in the amount of \$[	]. A copy of this Statement is
[X]	Ple	ase charge any deficiency in fees a	nd credit any overpayment to	Deposit Account 08-0380.
			Respectfully submitted,	
			HAMILTON, BROOK, SM	TH & REYNOLDS, P.C.
·			By James M. Smith Registration No.: 28,043 Telephone: (978) 341-003 Facsimile: (978) 341-013	66

Concord, MA 01742-9133 Dated: ///

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ATTORNEY DOCKET NO.
0100.2061-003

APPLICATION NO. 10/608,851

FIRST NAMED INVENTOR Paul E. Amundsen

FILING DATE
June 27, 2003

EXAMINER W. C. Doerrler

CONFIRMATION NO. 8740

GROUP 3744

	U.S. PATENT DOCUMENTS				
EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	
	AK	US 4,718,240	01-12-1988	Andeen, et al.	
	AA2	US 4,757,689	07-19-1988	Bächler, et al.	
	AB2	US 5,513,499 - A	05-07-1996	deRijke	
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EXAMINER	DATE CONSIDERED

PTO-1449 REPRODUCED

## SÚPPLEMENTAL INFORMATION DISCLOSURE CITATION IN AN APPLICATION

November 8, 2004

(Use several sheets if necessary)

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W. C. Doerrler

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GROUP 3744

FOREIGN PATENT DOCUMENTS					
	DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO	
AL	EP 0 684 382 B1	04-26-1995	Ebara Corporation		X
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EXAMINER	DATE CONSIDERED

PTO-1449 REPRODUCED  SUPPLEMENTAL INFORMATION DISCLOSURE	ATTORNEY DOCKET NO. 0100.2061-003		APPLICATION NO. 10/608,851		
CITATION IN AN APPLICATION	FIRST NAMED INVENTOR Paul E. Amundsen		FILING DATE June 27, 2003		
November 8, 2004 (Use several sheets if necessary)	EXAMINER W. C. Doerrler	CONFI	rmation no. <b>8740</b>	GROUP 3744	

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	АТ	Rao, M.G., et al., "Use of Indigenous Molecular Sieves in Cryosorption Pumping Applications," VAC News, 12(3): 15-18.		
	AU	Drzal, L. T., et al., "A high precision volumetric gas adsorption apparatus for surface studies," Rev. Sci. Instrum., 45(11) 1331-1335 (1974).		
	AV	deRijke, J.E., "Performance of a cryopump-ion pump system," J. Vac. Sci. Technol. 15(2) 765-767 (1978).		
	AW	Longsworth, R.C., et al. "Cryopump regeneration studies," J. Vac. Sci. Technol. 21(4) 1022-1027 (1982).		
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EXAMINER	DATE CONSIDERED